

## 6.0 Instructions

This section provides instructions for various actions that a user can take while running **etsgen** gui.

### 6.1 Opening a File

To open a file, do the following:

1. Click on **File >> Open** or press <ctrl-o>.
2. If the **Command List** has been modified since last being saved, then a dialog asking "File has not been saved. Do you wish to save?" will pop-up. Click "Yes" if you want to save or "No" if you do not.
3. A dialog titled "Open" will now pop-up. Navigate to the file you want and click on it.
4. Click "Open" if you wish to open that file or "Cancel" if you decide to not open a file.

Text will now be printed to *stdout* stating "Reading in file <filename>", listing any lines that it cannot interpret (i.e. lines that are not blank, comments, or commands), followed by "Done" upon completion.

The default location for files is \$(ens\_input)/espvs.

### 6.2 Saving a File

To save a file, do the following:

1. If you wish to save the file with a different filename than that displayed in the label above the **Command List**, click on **File >> Save As**, otherwise click on **File >> Save** or press <ctrl-s>.
2. If **File >> Save As** is clicked or **File >> Save** is clicked but the **Command List** does not have a corresponding filename, then a dialog will pop-up with the title "Save". Specify the file name you want to use as by navigating to the file and clicking on it or typing in the filename in the "File Name" text field.
3. Click on "OK" if you wish to save the file or "Cancel" if you decide not to save the file.

If you click "OK", the **Command List** will now be saved to the specified filename and the filename given in the label above the **Command List** will change accordingly.

The default location for files is \$(ens\_input)/espvs.

### 6.3 Generating the Hindcasts

To run the batch input lines currently displayed in the **Command List**, do the following:

1. Click on **File >> Run Batch** or press <ctrl-r>.
2. If the **Command List** has been modified since last being saved, then a dialog asking "File has not been saved. Do you wish to save?" will pop-up. Click "Yes" if you want to save or

"No" if you do not.

3. A dialog titled "ESPVSGenerate: Confirm Run" will now pop-up providing the command line to be executed. The **etsgen** gui will create the HCL decks to run ESP and then run each one of those input decks. The most common error from this GUI is associated with ESP not running properly.
4. If you click "OK", the command will now be executed. Any output normally sent to an output file will, instead, be sent to *stdout* and it will appear in the background window where you started the **etsgen** gui. When the run is complete, the line "Run Complete" will be printed to *stdout* it will appear in the window where you started the **etsgen** gui

*NOTE: If you do not see the line "Run Complete" printed to stdout, then the run did not complete normally. Check the OFS output files for information about why ESP did not complete.*

## 6.4 Inserting or Appending and Commands

To insert or append a command or action into the **Command List**, do the following:

- 1 Select the command panel that contains the command or action you wish to insert or append by clicking on the tab that corresponds to it. See Section 5.2 for a list of the command panels and their contents.
- 2 Click on the check box that corresponds to the command or action. For dates, this consists of clicking on the check box next to the date format you wish to use.
- 3 Set the command value or action parameter by editing the sub-command panel as indicated by the GUI, noting the following:
  - 3.1 Text fields that are supposed to contain a number **MUST** contain a number. You cannot leave them blank or have anything in them other than integer digits if you wish to insert or append successfully
- 4 Click on **Commands >> Insert Commands** to insert the command into the **Command List** just before the currently selected batch input line or click on **Commands >> Append Commands** to append the command to the end of the **Command List**.

*NOTE: Multiple commands and actions can be selected for inserting or appending simultaneously from a command panel. They are just inserted from top to bottom. However, ETSGEN will only insert or append those commands which have been selected in the command panel..*

Upon clicking the menu item (or its equivalent button), if the format of the information in the sub-command panel is incorrect, an **Error Window** will open saying so. This can be closed by clicking "OK".

*NOTE: Once a command or action is inserted or appended, the value of the check box associated with the command or action will not change. Hence, you may want to uncheck the check box afterwards by clicking on it so you do not accidentally insert or append the command again.*

## 6.5 Inserting Comments

To insert a comment, do the following:

1. Click on **Commands >> Insert Comment**.
2. A dialog will pop-up titled, "Insert Comment". Type in the contents of the comment into the text field without including the preceding '#'.
3. Click "OK" to insert the comment into the **Command List** just before the currently selected batch input line. It will append it to end of the **Command List** if no line is currently selected. Click "Cancel" if you decide to not insert a comment.

Upon clicking "OK", the contents of the text field will be entered into the **Command List** with a '#' preceding it.

## ***6.6 Editing a Command***

To edit a command, action or comment, do the following:

1. Select one and only one batch input line to edit from the **Command List**.
2. A dialog titled "Editing <command> Command" will pop-up. It will be a wrapper dialog on the sub-command panel associated with the command or action selected if the line to edit is a command or action or a wrapper on the panel that appears when you click **Commands >> Insert Comment** if the line to edit is comment.
3. Make changes to the command, action or comment accordingly and click "OK" if you wish to go through with the changes or "Cancel" if you decide not to edit the line.

Upon clicking "OK", the **Command List** should now change reflecting the new value of the batch input line.